DECLARATION OF PERFORMANCE
NO 40445

1.	Unique identification code of the product-type	**PAROC Pro Slab WR 450 AluCoat**
2.	Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR	**See product label**
3.	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	**Thermal Insulation for Building Equipment and Industrial Installations (ThIBEII)**
4.	Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)	**Paroc Group, Energiakuja 3, FI-00180 Helsinki, Finland**
5.	Where applicable, name and contact address of the authorized representative whose mandate covers the tasks under specified in Article 12(2)	**Not relevant**
6.	System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V	**Systems 1 and 3**
7.	In case of the declaration of performance concerning a construction product covered by a harmonised standard	**Notified certification body No. 0809 performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance for reaction to fire. Notified testing laboratory/ies No. 0751, No. 0809, and/or No. 1235 performed the test reports for the other relevant declared characteristics.**

8. Declared performance

Essential characteristics		**Performance**									
Thermal resistance	Thermal Conductivity	°C	10	50	100	150	200	300	400	450	Harmonised technical specification EN 14303
		λ_D W/(m*K)	0.035	0.040	0.047	0.056	0.067	0.095	0.129	0.149	
	Thickness	d_D = 20 mm - 250 mm Tolerance Class T5									
Reaction to Fire		A1									
Durability of thermal resistance against ageing/ degradation		Maximum service temperature ST(+)450 (=450 °C)									
Durability of thermal resistance against high temperature		Maximum service temperature ST(+)450 (=450 °C)									
Durability of reaction to fire against ageing/ degradation		Durability Characteristics A1									
Durability of reaction to fire against high temperature		Durability Characteristics A1									
Compressive strength		NPD									
Water permeability		Water absorption WS1 (≤ 1 kg/m²)									
Water vapour permeability		Water vapour diffusion equivalent air layer thickness MV2 (s_d = 200m)									
Rate of release of corrosive substances		Trace quantities of water-soluble chloride ions CL10 (≤ 10 ppm) and pH-value NPD									
Acoustic absorption index		NPD									
Release of dangerous substances		NPD									
Continous glowing combustion		NPD									
NPD		No Performance Determined									

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufactured identified in point 4.

Signed for and on behalf of the manufacturer by:
Marjut Haapala, Product Certification Manager, Paroc Group Oy



Helsinki 2021-10-05